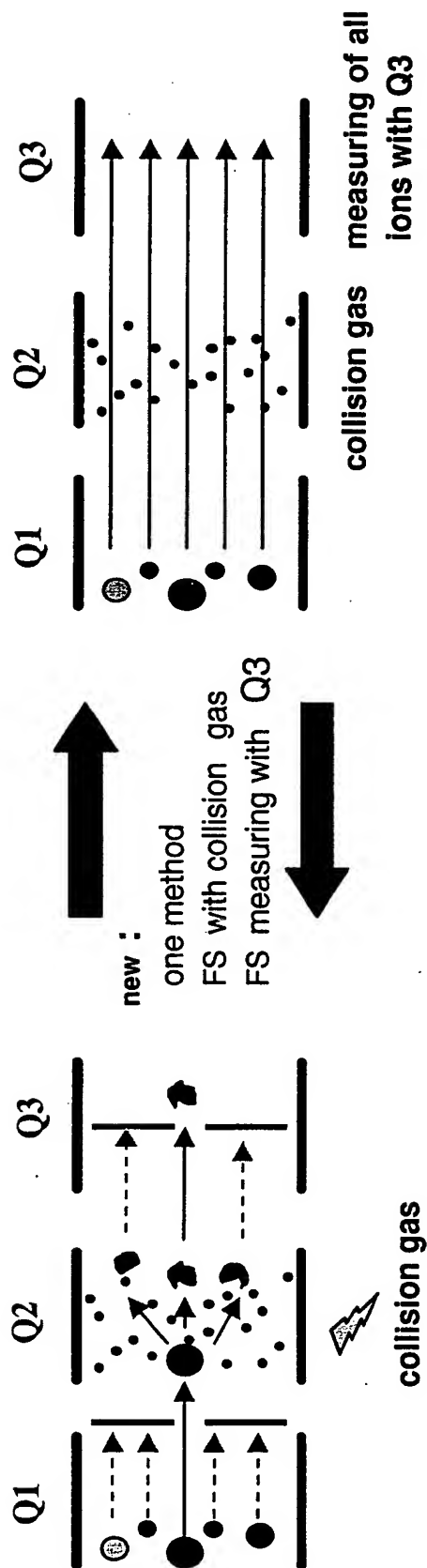


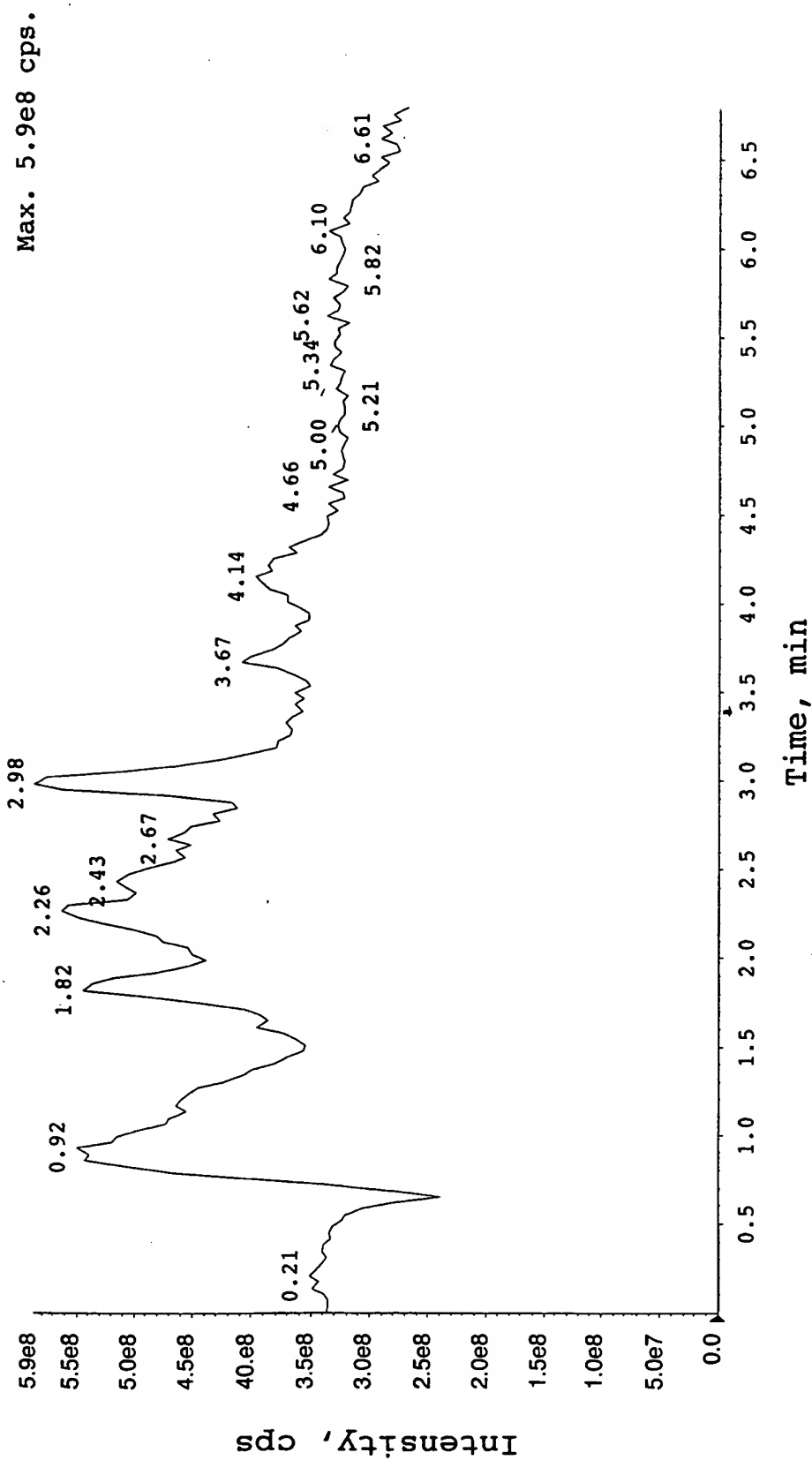
1/15

Figure 1: Schematic diagram of the analytical process



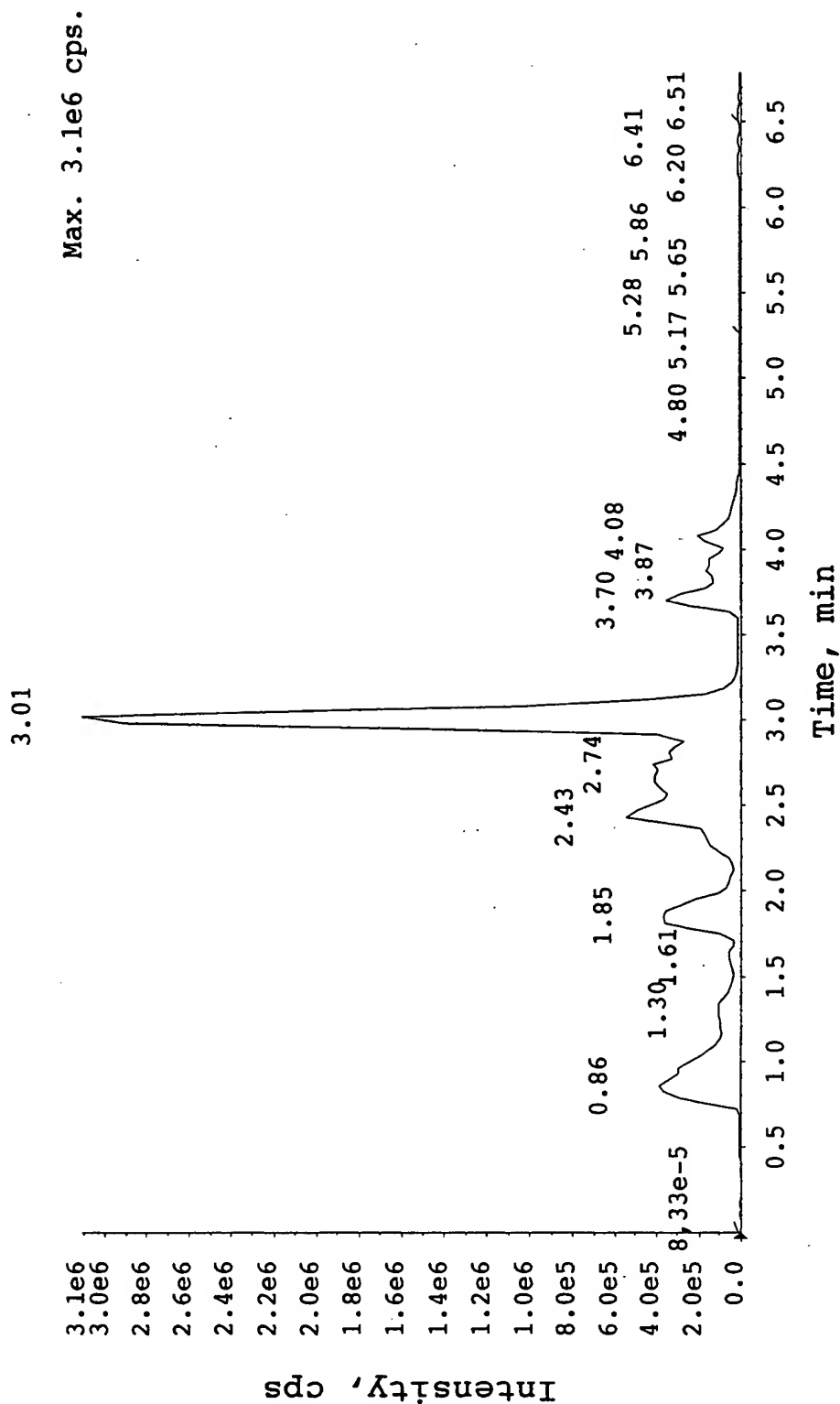
2/15

Figure 2: Total ion chromatogram (TIC) of an MRM + full scan analysis
TIC: from Sample 2 (QC 1) of LCMS04_020207_OF1.wiff



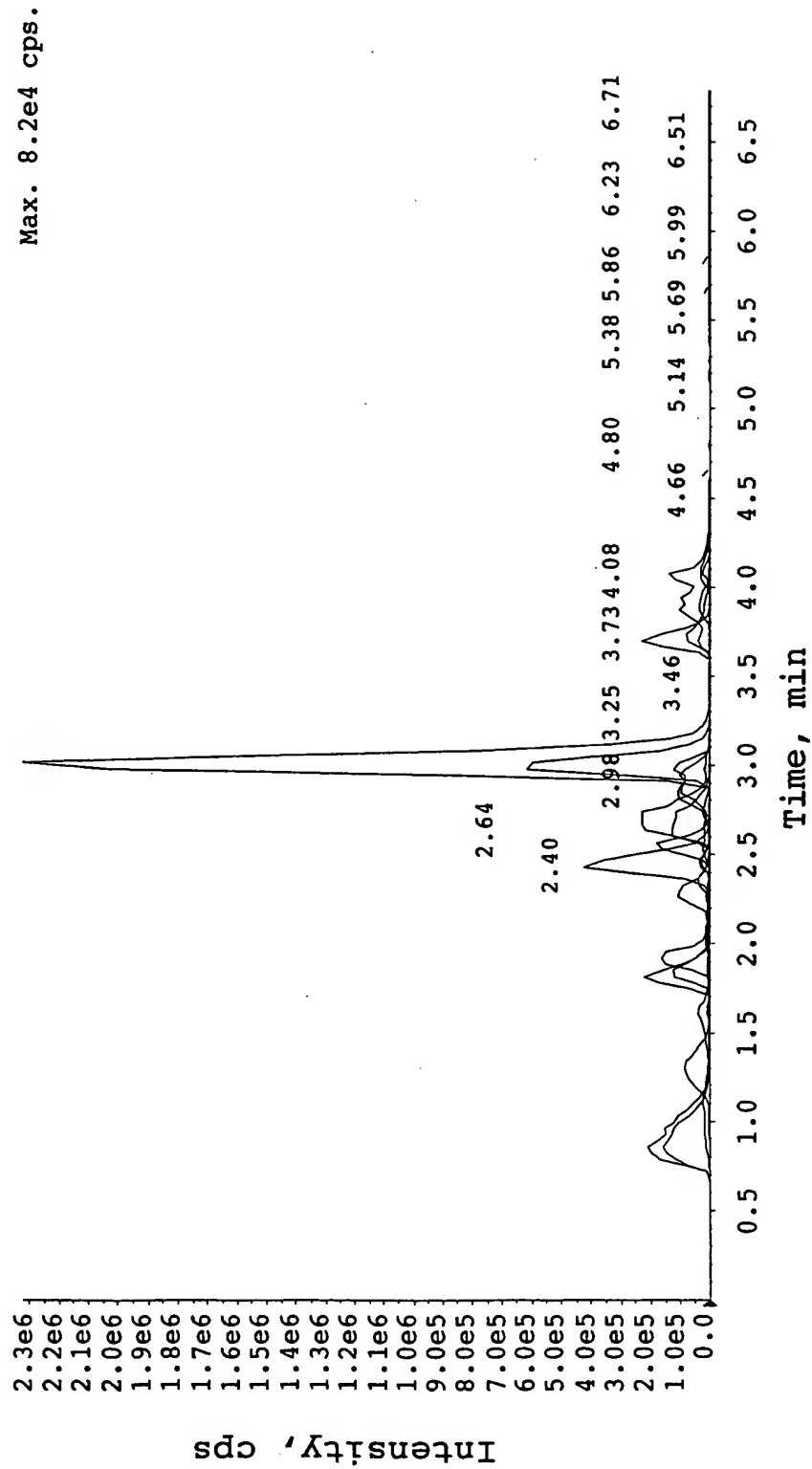
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Figure 3: Total ion chromatogram (TIC) of the MRM experiment from an MRM + FS analysis
TIC of +MRM (30 pairs): Experiment 1, from Sample 2 (QC1) of LCMS04_020207_OF1.wiff



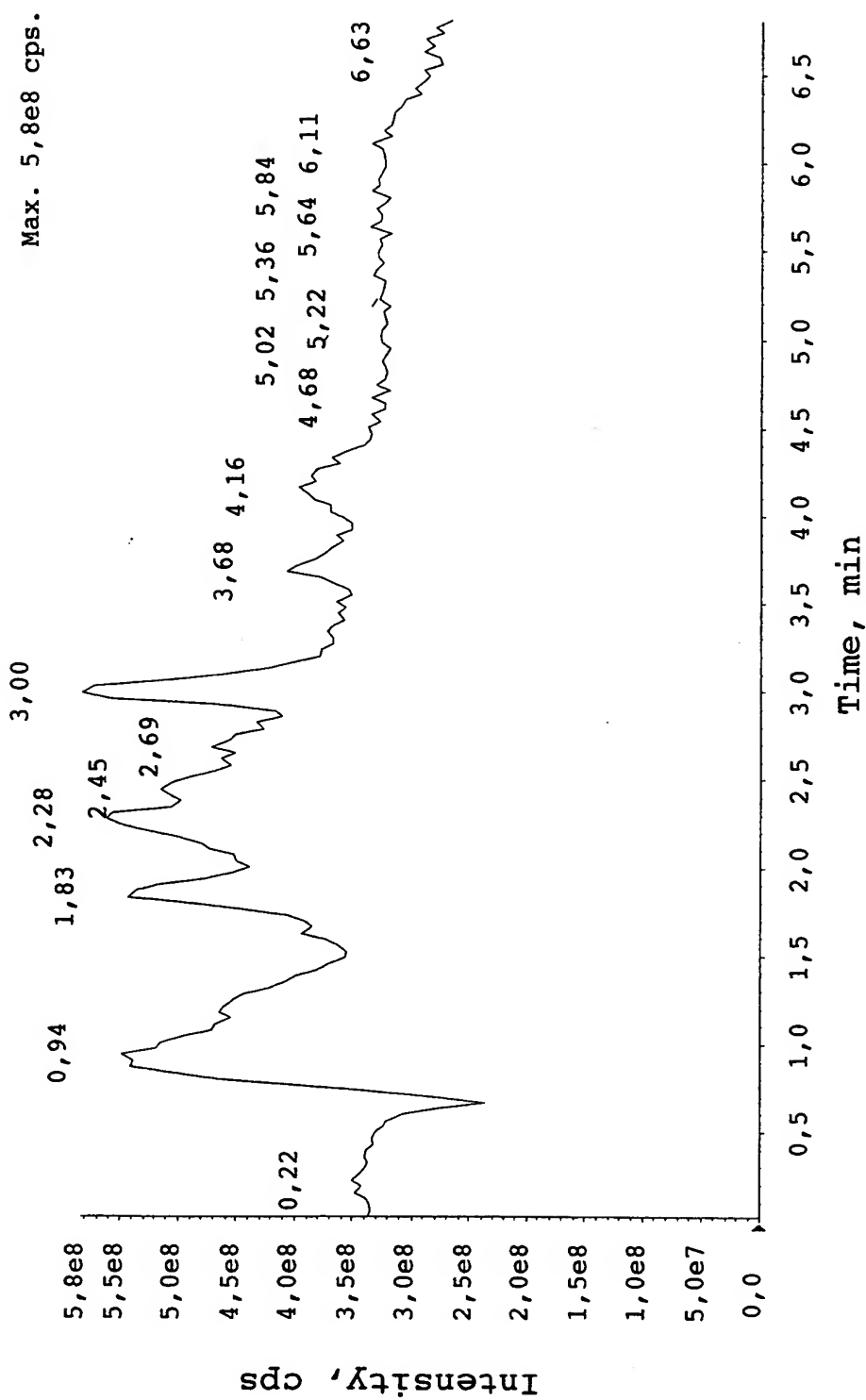
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Figure 4: Total ion chromatogram (TIC) of the MRM experiment from an MRM + FS analysis
XIC of +MRM (30 pairs): Experiment 1,536,4/69,0 amu from Sample 2 (QC1) of LCMS04_020207_0F1.wiff



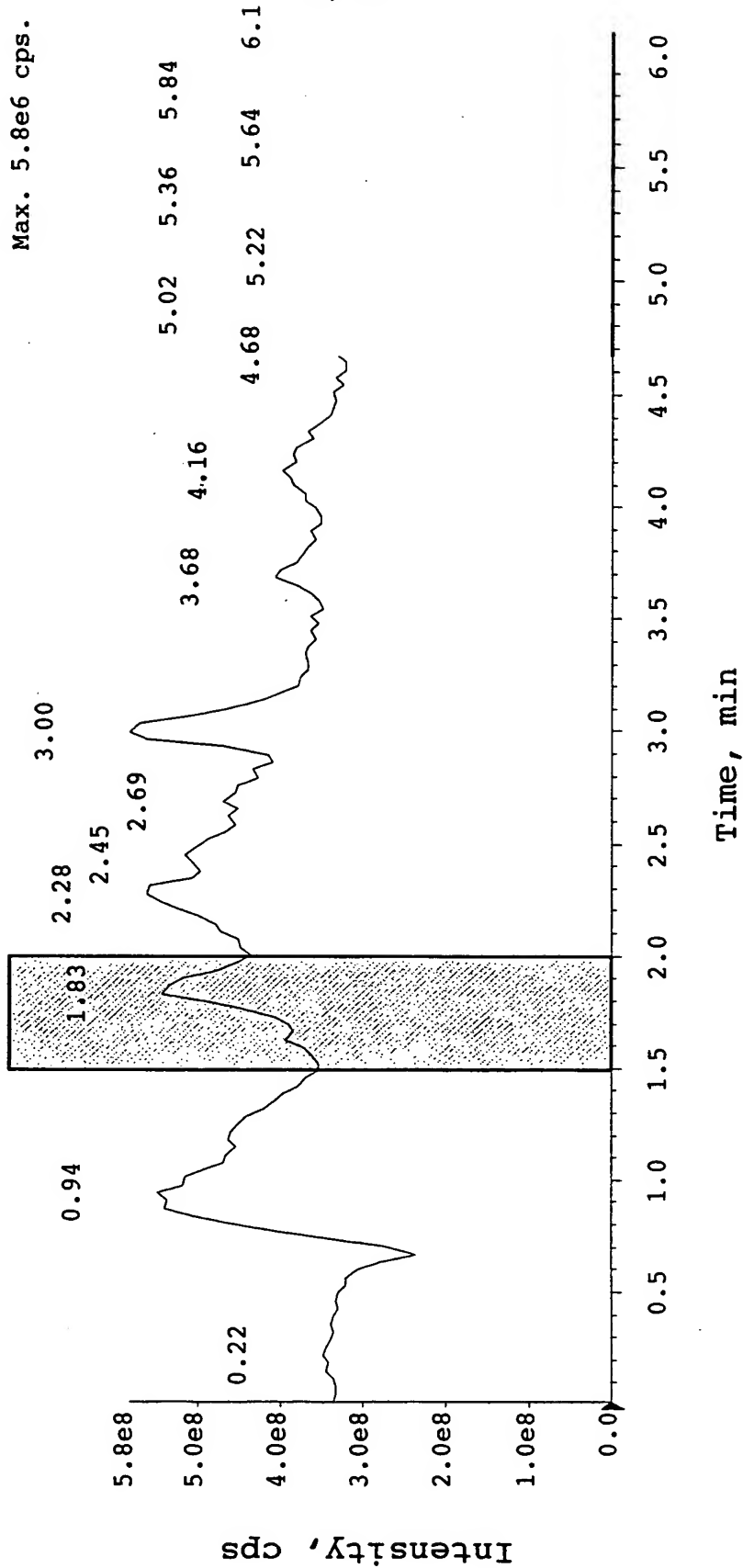
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Figure 5:
TIC of the FS experiment (TIC of +Q3: Experiment 2 from Sample 2 (QC1) of
LCMS04_020207_OF1.wiff)



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Figure 6:
TIC of the FS experiment (TIC of +Q3: Experiment 2 from Sample 2 (QC1) of
LCMS04_020207_0F1.wiff)



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Figure 7: TIC of the FS experiment (+Q3: Experiment 2; 1.491 to 2.004 min from Sample 2 (QC1) of LCMS04_020207_0F1.wiff)

Intensity, cps

Max. 4.7e6 cps.

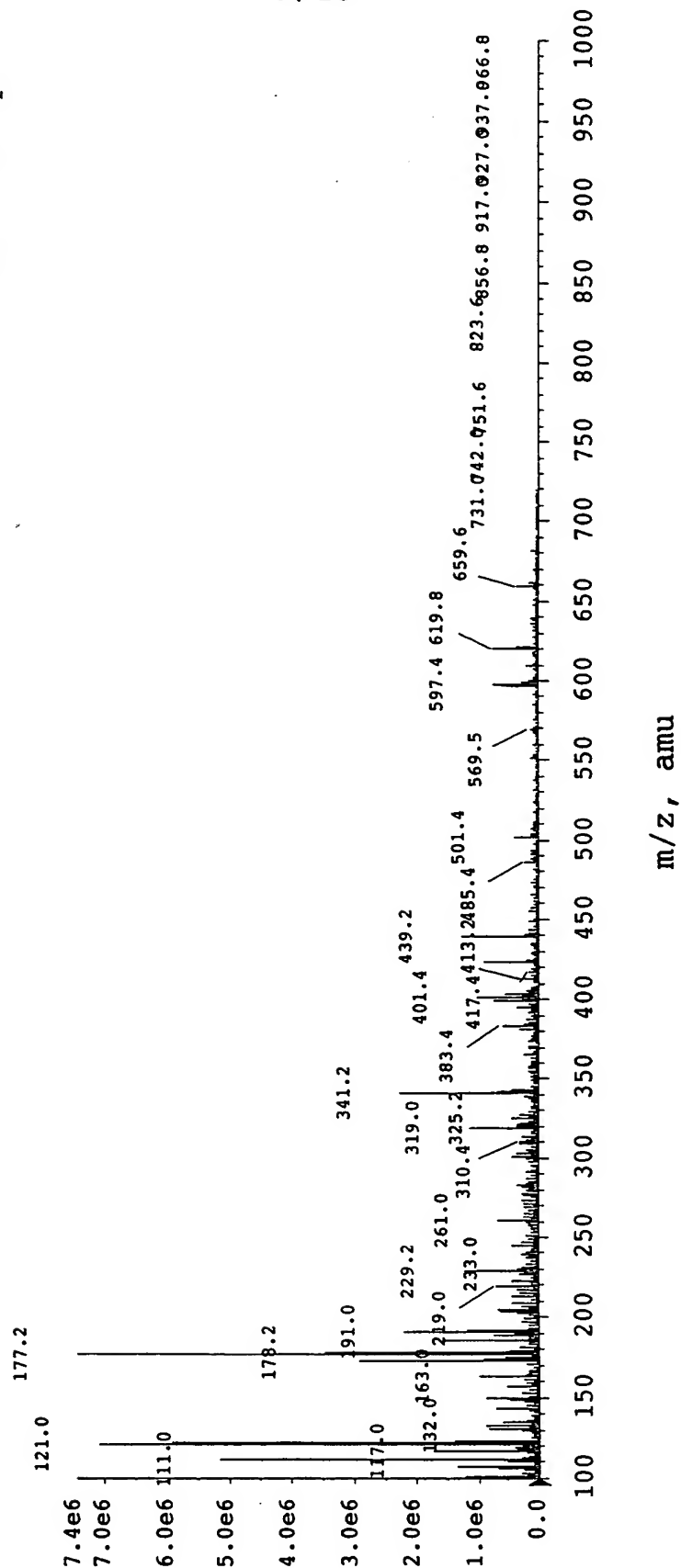


Figure 8: Total ion chromatogram (TIC) of MRM experiment
TIC of MRM (36 pairs): Experiment 1 from Sample 2 (Kalibmix-lip-14.08.2002-14)
of LCMS02_020814_OF3.wiff)

Max. 9.1e6 cps

Intensity, cps

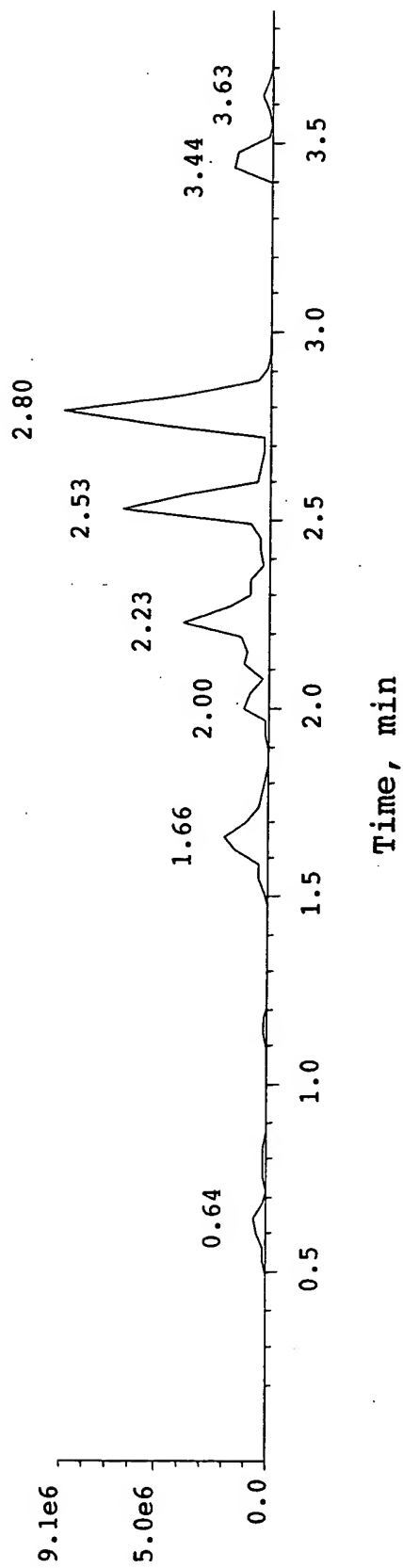
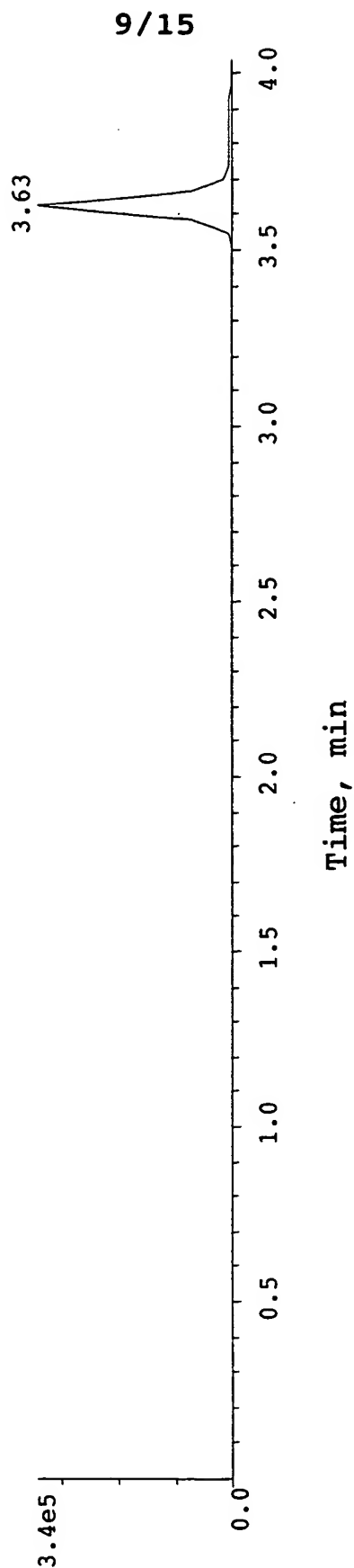


Figure 9: Extracted chromatogram from m/z transition 863.7 to 197 (coenzyme Q10)
TIC of MRM (36 pairs): Experiment 1; 863.7/197.0 amu from sample 2
(Kalibmix-lip-14.08.2002-14) of LCMS02_020814_0F3.wiff)

Intensity, cps

Max. 3.4e5 cps



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Figure 10: Extracted chromatogram from m/z transition 585.4 to 109.1 (capsanthin)
TIC of MRM (36 pairs): Experiment 1; 585.4/109.1 amu from Sample 2
(Kalibmix-lip-14.08.2002-14) of LCMS02_020814_OF3.wiff)

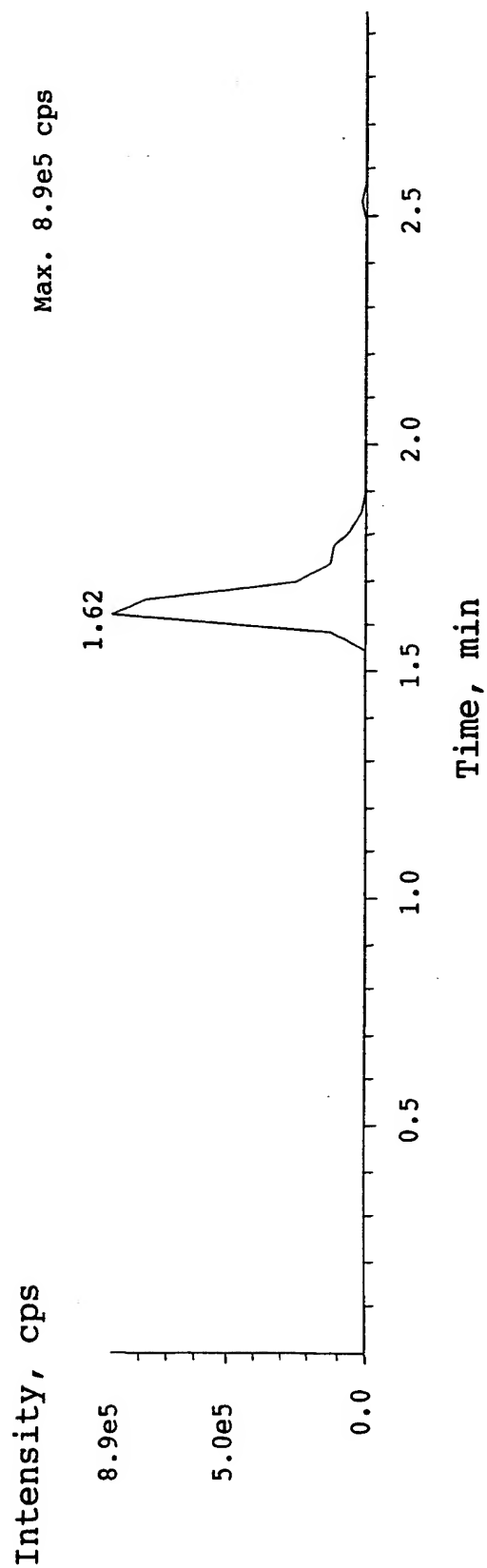
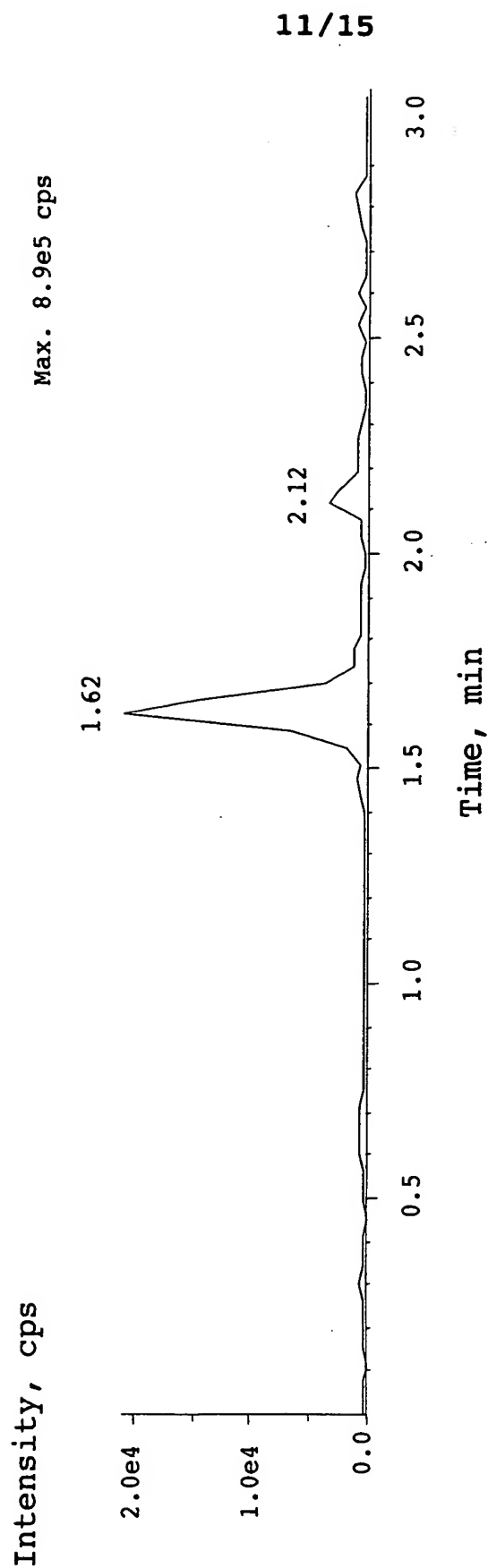


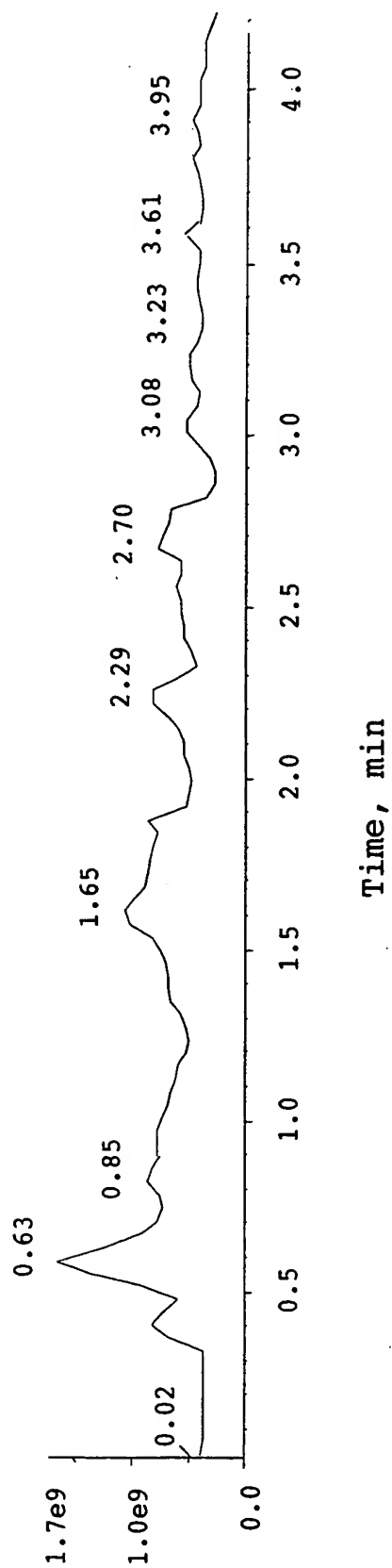
Figure 11: Extracted chromatogram from m/z transition 395.1 to 91.1 (bixin)
TIC of MRM (36 pairs): Experiment 1; 395.1/91.1 amu from Sample 2
(Kalibmix-lip-14.08.2002-14) of LCMS02_020814_OF3.wiff)



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Figure 12: Total ion chromatogram (TIC) of FS experiment
TIC of +Q3: Experiment 2 from Sample 4
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_OF3.wiff]

Intensity, cps



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Figure 13: Extracted chromatogram from signal m/z 518.4 (metanomics analyte 600000038)
XIC of +Q3: Experiment 2; 518.4 amu from Sample 4
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_OF3.wiff]

Intensity, cps

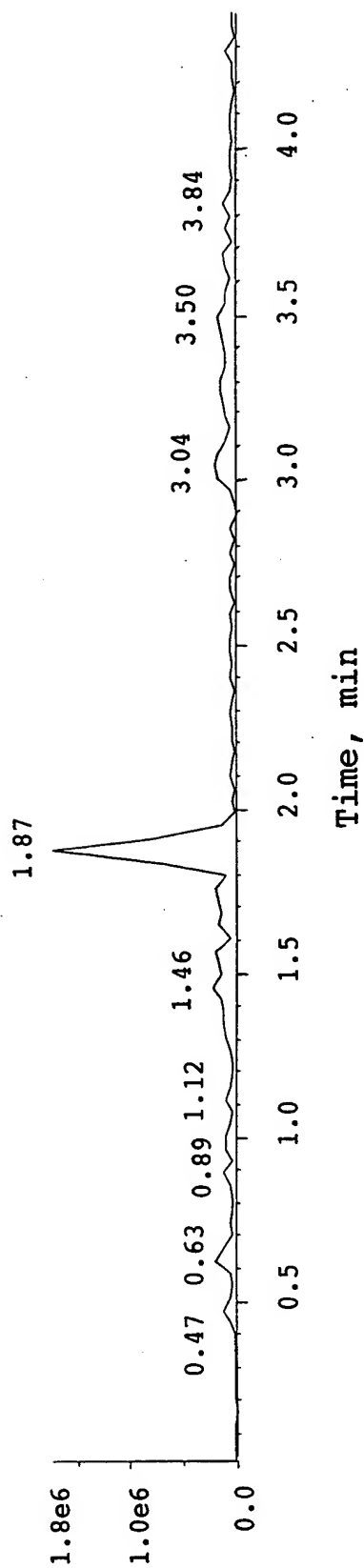


Figure 14: Extracted chromatogram from signal m/z 609.2 (metanomics analyte 6000000049)
XIC of +Q3: Experiment 2; 609.2 amu from Sample 4
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_OF3.wiff]

Intensity, cps

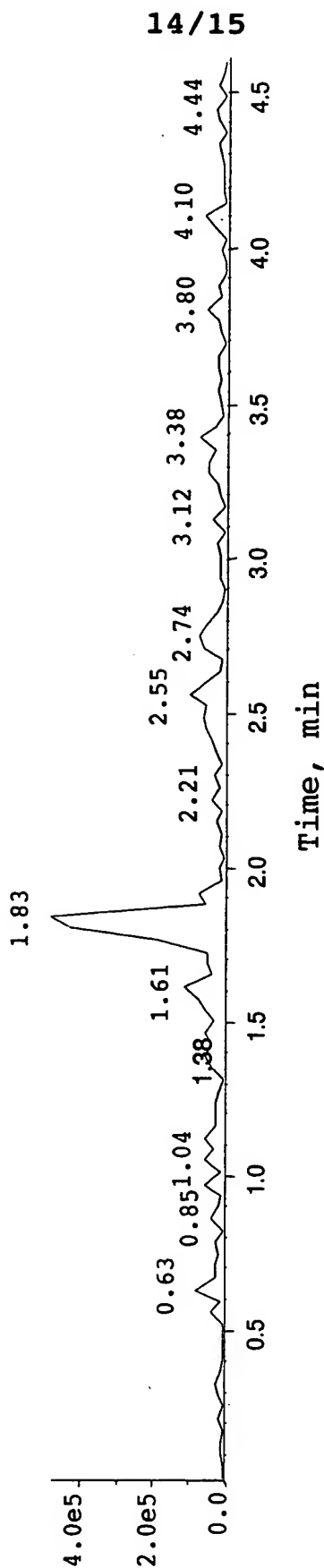


Figure 15: Extracted chromatogram from signal m/z 210.0 (metanomics analyte 6000000007)
XIC of +Q3: Experiment 2; 210.0 amu from Sample 4
[LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_0F3.wiff]

Intensity, cps

